

Abstract of the Disclosure

In a watermarking system, an embedder embeds one of several alternative watermark patterns that represent the source message using side information to improve robustness. A detector uses normalized correlation to test all of the patterns, indicating that the source message is present if any one of the patterns is detected. The detection process results in a detection region that is the union of several disjoint cones, or a cone-forest, in media space.

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